TECHNICAL NOTES

LAKE STATES FOREST EXPERIMENT STATION
U.S. DEPARTMENT OF AGRICULTURE · · FOREST SERVICE

No. 456

Lake States Pulpwood Production Shows Increase in 1955; Canadian Imports Decrease

Lake States pulpwood production amounted to approximately 2,404,000 cords in 1955 (see table on reverse side). This cut is 10 percent greater than in 1954, and is the second largest in the history of the region--only 7 percent less than the all-time high recorded in 1951. Each of the three Lake States showed an increase over 1954.

Most of the increase is attributable to the heavier cutting of aspen and dense hardwoods. Nearly 1,100,000 cords of aspen pulpwood and 120,000 cords of dense hardwoods were cut in 1955, representing an increase over 1954 of 8 percent and 47 percent respectively. Conversely, hemlock continued its downward trend to a new low of 94,000 cords. Of the 50 pulp plants operating in the region, all but 4 use aspen in varying amounts. Several companies procured nearly 150,000 cords each during the 12-month period. Currently, 12 mills use dense hardwoods, and there is a strong possibility of more mills falling into this group in the near future.

The modest decline of total pulpwood receipts by Lake States mills in 1955 was brought about by a 30-percent drop in Canadian imports. Shipments from the western U. S., on the other hand, were up about 20 percent over the previous year. Of the total pulpwood receipts, the Lake States Region supplied about 81 percent, Canada about 16 percent, and Western States about 3 percent (see following table).

Geographic origin and destination of pulpwood received by Lake States mills, 1955

Species	Percent of pulpwood originating from:					Percent of pulpwood received by:		
	Minn.	Wisc.	Mich.	Canada	Other U. S.	Minn. mills	Wisc. mills	Mich. mills
Aspen	24	32	41	3	-	27	52	21
Balsam fir	39	16	39	6	-	19	64	17
Birch	15	56	15	14	-	7	93	-
Hemlock	-	62	38	-	-	-	98	2
Pine	42	24	7	12	15	34	62	4
Spruce	35	3	15	44	3	23	63	14
Tamarack	65	32	3	-	-	60	40	-
Misc. hdwds.	1/ 5	63	32	-	-	1/ 5	63	32
All species	30	24	27	16	3	25	60	15
Previous year (1954)	28	23	26	21	2	23	63	14

1/ Balsam poplar (balm-of-Gilead).

APRIL 1956

A. G. HORN
Forest Economist

(Over)

MAINTAINED AT ST. PAUL 1, MINNESOTA, IN COOPERATION WITH THE UNIVERSITY OF MINNESOTA

Production and imports of pulpwood, Lake States, 1955

(In standard cords, unpeeled)

Species and destination	Production by states 1/				Imports			Total receipts
	Minnesota	Wisconsin	Michigan	Region	Other U. S. 2/	Canada	Total imports	
Aspen								
Minn.	256,051	19,788	-	275,839	-	22,320	22,320	298,159
Wisc.	10,205	344,592	228,328	583,125	-	6,310	6,310	589,435
Mich.	-	-	229,804	229,804	-	9,568	9,568	239,372
Exported 3/	-	-	835	835	-	-	-	
Total	266,256	364,380	458,967	1,089,603	-	38,198	38,198	1,126,966
Balsam fir								
Minn.	58,103	-	-	58,103	-	132	132	58,235
Wisc.	61,539	48,203	86,542	196,284	-	2,553	2,553	198,837
Mich.	78	-	34,955	35,033	-	17,368	17,368	52,401
Total	119,720	48,203	121,497	289,420	-	20,053	20,053	309,473
Birch								
Minn.	1,989	-	-	1,989	-	-	-	1,989
Wisc.	2,059	15,764	4,297	22,120	-	3,863	3,863	25,983
Mich.	-	-	-	-	-	-	-	
Total	4,048	15,764	4,297	24,109	-	3,863	3,863	27,972
Hemlock								
Minn.	-	-	-	-	-	-	-	
Wisc.	-	58,298	33,921	92,219	-	-	-	92,219
Mich.	-	-	2,210	2,210	-	-	-	2,210
Total	-	58,298	36,131	94,429	-	-	-	94,429
Pine								
Minn.	128,656	3,172	-	131,828	-	44,711	44,711	176,539
Wisc.	88,805	117,999	18,027	224,831	61,403	33,625	95,028	319,859
Mich.	-	-	20,200	20,200	-	-	-	20,200
Total	217,461	121,171	38,227	376,659	61,403	78,336	139,739	516,598
Spruce								
Minn.	152,838	-	-	152,838	-	22,730	22,730	175,568
Wisc.	107,472	23,148	80,419	211,039	19,926	240,002	259,928	470,967
Mich.	4,777	-	30,155	34,932	-	67,311	67,311	102,243
Total	265,087	23,148	110,574	398,809	19,926	330,043	349,969	748,778
Tamarack								
Minn.	7,222	-	-	7,222	-	-	-	7,222
Wisc.	558	3,794	418	4,770	-	-	-	4,770
Mich.	-	-	-	-	-	-	-	
Total	7,780	3,794	418	11,992	-	-	-	11,992
Misc. Hdwds.								
Minn. 4/	5,431	-	-	5,431	-	-	-	5,431
Wisc.	-	75,185	-	75,185	-	-	-	75,185
Mich.	-	-	38,148	38,148	-	-	-	38,148
Total	5,431	75,185	38,148	118,764	-	-	-	118,764
All Species								
Minn.	610,290	22,960	-	633,250	-	89,893	89,893	723,143
Wisc.	270,638	686,983	451,952	1,409,573	81,329	286,353	367,682	1,777,255
Mich.	4,855	-	355,472	360,327	-	94,247	94,247	454,574
Exported 3/	-	-	835	835	-	-	-	
Total	885,783	709,943	809,259	2,403,985	81,329	470,493	551,822	2,954,972

1/ Vertical columns of figures under box heading "Production by states" represent the amount of pulpwood cut in each state.

2/ Western states.

3/ Pulpwood shipped to mills outside region.

4/ Balsam poplar (balm-of-Gilead).